

ACRONYMS *AND ABBREVIATIONS*

Note: The following acronyms are carried forward from the initial certification application. Some acronyms appear in both the initial application and this recertification application. Acronyms that are unique to this application appear *in bold, blue, italicized text*.

1	ACA	Agency for Conservation Archaeology
2	ACNFS	Advisory Committee on Nuclear Facility Safety
3	AEC	Atomic Energy Commission
4	AECL	Atomic Energy of Canada Limited
5	AG	Attorney General
6	AIC	<i>Active Institutional Controls</i>
7	AIS	air intake shaft
8	AK	<i>acceptable knowledge</i>
9	Al	<i>aluminum</i>
10	ALARA	<i>as low as reasonably achievable</i>
11	Am	<i>americium</i>
12	amsl	<i>above mean sea level</i>
13	AMWTF	<i>Advanced Mixed Waste Treatment Facility</i>
14	AMWTP	<i>Advanced Mixed Waste Treatment Project</i>
15	ANL-E	Argonne National Laboratory-East
16	ANL-W	Argonne National Laboratory-West
17	ANSI	American National Standards Institute
18	APD	Application for Permission to Drill
19	API	American Petroleum Institute
20	ARCO	<i>ARCO Medical Products Company</i>
21	ASER	<i>Annual Site Environmental Report</i>
22	ASME	American Society of Mechanical Engineers
23	ASTM	American Society for Testing Materials
24	B&W-NES	<i>Babcock & Wilcox-Nuclear Engineering Services</i>
25	BAB	<i>butyric acid bacteria</i>
26	BAPL	Bettis Atomic Power Laboratory
27	BCL	Battelle Columbus Laboratories
28	BCLDP	<i>Battelle Columbus Laboratories Decommissioning Project</i>
29	BGR	Bundesanstalt für Geowissenschaften und Rohstoffe
30	BIR	Baseline Inventory Report
31	BLM	U.S. Bureau of Land Management
32	BMP	<i>Best Management Practice</i>
33	BNL	Battelle <i>Brookhaven</i> National Laboratory
34	BP	branch procedure
35	BRAGFLO	<i>Brine and gas flow</i>
36	BRP	Blue Ribbon Panel
37	BSEP	Brine Sampling and Evaluation Program
38	CAG	Compliance Application Guidance
39	CAO	Carlsbad Area Office (<i>former designation</i>)

1	CAR	Corrective Action Report
2	CARD	<i>Compliance Application Review Document</i>
3	CAST	<i>CAST Transportation, Inc.</i>
4	CB	<i>Cabin Baby</i>
5	CBFO	<i>Carlsbad Field Office (DOE)</i>
6	CBP	Central Basin Platform
7	CCA	Compliance Certification Application
8	CCDF	complementary cumulative distribution function
9	CCP	<i>Centralized Characterization Program</i>
10	CDA	<i>corrected during the audit</i>
11	CDF	cumulative distribution function
12	CDR	Conceptual Design Report
13	CEMRC	<i>Carlsbad Environmental Monitoring and Research Center</i>
14	Cf	<i>californium</i>
15	CFR	Code of Federal Regulations
16	CH	Contact-Handled
17	Ci	<i>curie</i>
18	Cm	<i>curium</i>
19	CMM	<i>Coordinate Measurement Machine</i>
20	CMP	<i>Compliance Monitoring Plan</i>
21	CMPR	Conceptual Model Peer Review
22	CMPRP	<i>Conceptual Models Peer Review Panel</i>
23	CMUG	Conceptual Model Uncertainty Group
24	Co	<i>cobalt</i>
25	CO₂	<i>carbon dioxide</i>
26	COMP	<i>compliance monitoring parameter</i>
27	CPR	<i>cellulosic, plastic, and rubber</i>
28	CRA	<i>Compliance Recertification Application</i>
29	Cs	<i>cesium</i>
30	CTAC	<i>Carlsbad Field Office Technical Assistance Contractor</i>
31	CTEN	<i>Combined Thermal-Epithermal Neutron</i>
32	CU	<i>Culebra unit</i>
33	D&D	decontamination and decommissioning
34	D/H	deuterium/hydrogen
35	DA	<i>Data Administrator</i>
36	DAC	<i>Drum Age Criteria</i>
37	DAM	<i>Design Analysis Model</i>
38	DAS	data acquisition software
39	DBDSP	<i>Delaware Basin Drilling Surveillance Program</i>
40	DBE	Design Basis Earthquake
41	DBT	Design Basis Tornado
42	DCCA	Draft Compliance Certification Application
43	DDZ	<i>Drilling Damage Zone</i>
44	DEIS	Draft Environmental Impact Statement
45	DFR	<i>driving force ratio</i>
46	DNAG	Decade of North American Geology

1	DOE	U.S. Department of Energy
2	DOI	U.S. Department of the Interior
3	<i>DOT</i>	<i>Department of Transportation</i>
4	DP	disturbed performance
5	<i>DQO</i>	<i>Data Quality Objective</i>
6	<i>DR/CT</i>	<i>dry rod construction technology</i>
7	<i>DRXS</i>	<i>Data Review Expert System</i>
8	DRZ	disturbed rock zone
9	DSCR	Draft Site Characterization Report
10	EA	engineered alternatives
11	EACBS	Engineered Alternatives Cost/Benefit Study
12	EATF	Engineered Alternatives Task Force
13	EDTA	ethylenediaminetetracetate
14	EEG	Environmental Evaluation Group
15	EIS	Environmental Impact Statement
16	EM	emergency management
17	EMP	Environmental Monitoring Plan
18	<i>EMPEIS</i>	<i>Environmental Management Programmatic Environmental Impact</i>
19		<i>Statement</i>
20	EPA	U.S. Environmental Protection Agency
21	<i>EPD</i>	<i>Engineered Products Department</i>
22	EPs	events and processes
23	ER	environmental restoration
24	ERDA	U.S. Energy Research and Development Administration
25	<i>ERMS</i>	<i>Electronic Record Management System</i>
26	<i>ES&H</i>	<i>Environment, Safety, and Health</i>
27	<i>ESHAP</i>	<i>Exhaust Shaft Hydraulic Assessment Program</i>
28	ESPR	Engineered Systems Peer Review
29	<i>ETC</i>	<i>Engineering Training Center</i>
30	ETEC	Energy Technology Engineering Center
31	<i>EXP</i>	<i>exponent</i>
32	<i>FB</i>	<i>FB Line, Savannah River Site</i>
33	<i>Fe</i>	<i>iron</i>
34	FEIS	Final Environmental Impact Statement
35	FEPs	features, events, and processes
36	FGE	fissile gram equivalent
37	<i>FLAC</i>	<i>Fast Lagrangian Analysis of Continua</i>
38	FLPMA	Federal Land Policy and Management Act
39	<i>FMT</i>	<i>Fracture-Matrix Transport (calculation)</i>
40	FR	Federal Register
41	<i>FRP</i>	<i>fiberglass-reinforced polyethylene</i>
42	FSAR	Final Safety Analysis Report
43	FSEIS	Final Supplement Environmental Impact Statement
44	<i>FSU</i>	<i>Florida State University</i>
45	FWS	U.S. Fish and Wildlife Service
46	FxG	Fracture Expert Group

1	GCR	Geological Characterization Report
2	GE-VNC	General Electric Vallecitos Nuclear Center
3	GGTP	gas generation testing process
4	GTP	Generic Technical Position
5	GTSD	Government Technical Services Division
6	GWMP	groundwater monitoring plan
7	HANF	Hanford Site
8	Hanford-RL	Hanford Site - Richland Operations Office
9	Hanford-RP	Hanford Site – Office of River Protection
10	HB	HB Line, Savannah River Site H-canyon
11	HC	historical and current human activities
12	HCN	historic, current, and near future human activities
13	HEPA	high-efficiency particulate air
14	HLW	high-level waste
15	HMHWA	New Mexico Hazardous Waste Act
16	HSG	headspace gas
17	HWFP	Hazardous Waste Facility Permit
18	IA	Internal Audit
19	IAEA	International Atomic Energy Agency
20	ICP/MS	inductively coupled plasma-mass spectrometry
21	ICV	inner containment vessel
22	IMC	International Mining Consultants
23	INEEL	Idaho National Engineering and Environmental Laboratory
24	INEL	Idaho National Engineering Laboratory
25	IRG	International Review Group
26	IRT	independent review team
27	ITC	International Technology Corporation
28	ITR	Independent Technical Review
29	K	potassium
30	KAPL-NFS	Knolls Atomic Power Laboratory-Nuclear Fuel Services
31	L/ILW	low- and intermediate-level waste
32	LANL	Los Alamos National Laboratory
33	LANL-CO	Los Alamos National Laboratory-Carlsbad
34	LBNL	Lawrence Berkeley National Laboratory
35	LCM	lost circulation material
36	LCS	laboratory-controlled sample
37	LHS	Latin hypercube sampling
38	LLD	lower limit of detection
39	LLNL	Lawrence Livermore National Laboratory
40	LMP	Land Management Plan
41	LQS	large quantity site
42	LWA	Land Withdrawal Act
43	LWB	Land Withdrawal Boundary
44	M&OC	Management and Operating Contractor
45	M&OC	Management and Operating Contractor
46	M&TE	measuring and test equipment

1	<i>M&TE</i>	<i>measuring and test equipment</i>
2	MB	marker bed
3	<i>MCS</i>	<i>Mobile Characterization Systems</i>
4	<i>MDC</i>	<i>Minimal Detectable Concentration</i>
5	MDL	minimum detection level
6	MgO	magnesium oxide
7	<i>MIP</i>	<i>Monitoring Implementation Plan</i>
8	MIT	Massachusetts Institute of Technology
9	<i>MOA</i>	<i>Memorandum of Agreement</i>
10	MOU	memorandum of understanding
11	MP	management procedure
12	<i>MPCC</i>	<i>multipurpose crate counter</i>
13	<i>MPI</i>	<i>Mississippi Potash Inc.</i>
14	MREs	Measures of Relative Effectiveness
15	<i>MSD</i>	<i>matrix spike duplicate</i>
16	<i>MSGP</i>	<i>Multi-Sector General Permit</i>
17	MSL	mean sea level
18	<i>MSP</i>	<i>matrix spike</i>
19	<i>MTHM</i>	<i>metric tons heavy metal</i>
20	MURR	University of Missouri Research Center
21	<i>Na</i>	<i>sodium</i>
22	NAGRA	National Cooperative for the Storage of Radioactive Waste
23	NAS	National Academy of Sciences
24	NBPR	Natural Barriers Peer Review
25	NDA	nondestructive assay
26	NDE	nondestructive examination
27	NEA	Nuclear Energy Agency
28	NEPA	National Environmental Policy Act
29	NHPA	Natural Historic Preservation Act
30	<i>Ni</i>	<i>nickel</i>
31	NIREX	UK Nuclear Industry Radioactive Waste Executive
32	NIST	National Institute of Standards and Technology
33	NMAC	New Mexico Administrative Code
34	NMBMMR	New Mexico Bureau of Mines and Mineral Resources
35	NMD	no-migration determination
36	NMDG&F	New Mexico Department of Game and Fish
37	NMED	New Mexico Environment Department
38	NMERI	New Mexico Engineering Research Institute
39	<i>NMMA</i>	<i>nuclear material management area</i>
40	NON-PA SES	nonperformance assessment scientific and engineering software
41	<i>NORM</i>	<i>naturally occurring radioactive material</i>
42	<i>Np</i>	<i>Neptunium</i>
43	<i>NP</i>	<i>nuclear waste management QA procedure</i>
44	<i>NPDES</i>	<i>National Pollutant Discharge Elimination System</i>
45	NQA	nuclear quality assurance
46	NRC	Nuclear Regulatory Commission

1	NTP	National TRU Program
2	NTS	Nevada Test Site
3	<i>NUTS</i>	<i>Nuclide Transport System</i>
4	<i>NWMP</i>	<i>Nuclear Waste Management Program</i>
5	<i>OCA</i>	<i>Office of Cultural Affairs</i>
6	<i>OCD</i>	<i>Oil Conservation Division</i>
7	OECD	Organization for Economic Cooperation and Development
8	<i>OJT</i>	<i>on-the-job training</i>
9	ORC	Office of Regulatory Compliance
10	ORNL	Oak Ridge National Laboratory
11	<i>OSR</i>	<i>Off-Site Source Recovery</i>
12	OSW	Office of Solid Waste
13	PA Non-SES	performance assessment nonscientific and engineering software
14	PA SES	performance assessment scientific and engineering software
15	PA	performance assessment
16	<i>PAN</i>	<i>Passive-Active Neutron</i>
17	PAPRP	Performance Assessment Peer Review Panel
18	PART	Performance Assessment Review Team
19	<i>PAVT</i>	<i>Performance Assessment Verification Test</i>
20	<i>Pb</i>	<i>lead</i>
21	<i>PCB</i>	<i>polychlorinated biphenyl</i>
22	<i>Pd</i>	<i>palladium</i>
23	<i>PDF</i>	<i>probability distribution function</i>
24	PDP	Performance Demonstration Program
25	<i>PE</i>	<i>protective equipment</i>
26	<i>PFPP</i>	<i>Plutonium Finishing Plant</i>
27	PGDP	Paducah Gaseous Diffusion Plant
28	<i>PIC</i>	<i>Passive Institutional Controls</i>
29	PMP	probable maximum precipitation
30	<i>PRMP</i>	<i>Peer Review Management Plan</i>
31	PTF	passive institutional controls task force
32	<i>P-TGS</i>	<i>portable-tomographic gamma scanner</i>
33	<i>Pu</i>	<i>plutonium</i>
34	<i>PZ</i>	<i>piezometer</i>
35	QA	quality assurance
36	QAI	Quality Assurance Instruction
37	QAO	quality assurance objective
38	QAP	Quality Assurance Procedure
39	QAPD	Quality Assurance Program Document (CAO)
40	<i>QAPjP</i>	<i>Quality Assurance Project Plan</i>
41	<i>QAPP</i>	<i>Quality Assurance Program Plan</i>
42	<i>QC</i>	<i>quality control</i>
43	QED	qualification of existing data
44	R&D	research and development
45	<i>Ra</i>	<i>radium</i>
46	RBP	Radiological Baseline Program

1	RCRA	Resource Conservation and Recovery Act
2	RFETS	Rocky Flats Environmental Technology Site
3	RH	Remote-Handled
4	ROR	<i>rest of repository</i>
5	RP	<i>review panel</i>
6	RPD	<i>relative percent difference</i>
7	RRF	<i>risk-reduction factor</i>
8	RSD	relative standard deviations
9	RSI	<i>Institute for Regulatory Science</i>
10	RTC	<i>Response to Comments Document</i>
11	RTR	real-time radiography
12	SA	<i>Scientific Advisor</i>
13	SAR	Safety Analysis Report
14	SARP	Safety Analysis Report for Packaging
15	SCMS	Software Configuration Management System
16	SDWA	<i>Safe Drinking Water Act</i>
17	SEIS	Supplemental Environmental Impact Statement
18	SGRS	<i>SWEPP gamma-ray spectrometer</i>
19	SGS	<i>segmented gamma scanner</i>
20	SHPO	State Historic Preservation Officer
21	SHS	salt-handling shaft
22	SKB	SKI & Swedish Nuclear Fuel and Waste Management Company
23	SKI	<i>Statens Kärnkraftinspektion</i>
24	SLB	<i>standard large box</i>
25	SMC	Salado Mass Concrete
26	SMP	<i>Subsidence Monitoring Program</i>
27	SNL	Sandia National Laboratories
28	SNM	<i>special nuclear material</i>
29	SO-C	regulatory consequence
30	SO-P	regulatory probability
31	SOP	standard operating procedure
32	SO-R	regulatory exclusions
33	SPDV	Site and Preliminary Design Validation
34	SPE	<i>Society of Petroleum Engineers</i>
35	SPRU	Special Separations Process Research Unit
36	SQS	small-quantity site
37	Sr	<i>strontium</i>
38	SRS	Savannah River Site
39	SVOC	<i>semi-volatile organic compound</i>
40	SWB	standard waste box
41	SWCF	Sandia WIPP Central Files
42	SWEPP	<i>Stored Waste Examination Pilot Plant</i>
43	SWTS	Standard Waste Treatment System
44	T	<i>transmissivity</i>
45	TB	Teledyne Brown Engineering
46	TBM	<i>Technical Baseline Migration</i>

1	TCP/IP	Transmission Control Protocol/Internet Protocol
2	TDD	Technology Development Description
3	TDEM	time-domain electromagnetic
4	<i>TDOP</i>	<i>Ten Drum Overpack</i>
5	TDS	total dissolved solids
6	<i>Th</i>	<i>thorium</i>
7	<i>TMU</i>	<i>total measurement uncertainties</i>
8	TOB	Technical Oversight Board
9	TP	Team Procedure
10	<i>TRAMPAC</i>	<i>TRUPACT-II Authorized Methods for Payload Control</i>
11	<i>TRIPS</i>	<i>Transuranic Reporting, Inventory, and Processing System</i>
12	TRU	transuranic
13	TRUPACT	Transuranic Package Transporter
14	TSG	Technical Support Group
15	<i>TSMT</i>	<i>Tri-State Motor Transit</i>
16	TSP	total suspended particulate
17	<i>TSR</i>	<i>technical safety requirements</i>
18	<i>TWBID</i>	<i>Transuranic Waste Baseline Inventory Database</i>
19	TWBIR	Transuranic Waste Baseline Inventory Report
20	<i>TWCP</i>	<i>TRU Waste Characterization Project</i>
21	TZ	transition zone
22	<i>UCL</i>	<i>upper confidence limit</i>
23	UNM	University of New Mexico
24	UP	undisturbed performance
25	USAMC	U.S. Army Material Command
26	USDW	underground source of drinking water
27	USGS	United States Geological Survey
28	<i>UVP/ENRESA</i>	<i>Universidad del País Vasco/Enresa Nacional de Residuos Radicativos S.A.</i>
29	<i>V&V</i>	<i>verification and validation</i>
30	VCMP	VOC Confirmatory Monitoring Plan
31	<i>VE</i>	<i>visual examination</i>
32	VOC	volatile organic compound
33	<i>VSP</i>	<i>Vertical Seismic Profiling</i>
34	WAC	Waste Acceptance Criteria
35	<i>WAGS</i>	<i>Waste Assay Gamma Ray Spectrometer</i>
36	WAP	Waste Analysis Plan
37	<i>WCPIP</i>	<i>Waste Characterization Program Implementation Plan</i>
38	WCPR	Waste Characterization Peer Review
39	<i>WCRR</i>	<i>Waste Characterization, Reduction, and Repackaging (facility)</i>
40	<i>WEMS</i>	<i>Waste and Environmental Management System</i>
41	WERC	Waste-Management Education and Research Consortium
42	WFDR	Waste Form and Disposal Room
43	WG	weapons grade
44	WID	Westinghouse Waste Isolation Division
45	WIPP	Waste Isolation Pilot Plant
46	<i>WLMP</i>	<i>Water Level Monitoring Plan</i>

1	WMC	waste matrix code
2	WMP	waste material parameter
3	WP	WIPP procedure
4	WQSP	Water Quality Sampling Program
5	WRAC	Waste Removal After Closure
6	<i>WSPF</i>	<i>Waste Stream Profile Form</i>
7	<i>WTS</i>	<i>Washington TRU Solutions</i>
8	<i>WUF</i>	<i>waste unit factor</i>
9	<i>WVDP</i>	<i>West Valley Demonstration Project</i>
10	WWIS	WIPP Waste Information System
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